

19. (Amended) The isolated human synuclein protein or peptide of claim 18 having the sequence given in SEQ ID NO: 5.

37. (Amended) The method of claim 36 wherein said two oligonucleotides have the sequences of SEQ ID NO: 2 and SEQ ID NO: 3.

42. (Amended) The oligonucleotide of claim 41 having the sequence of SEQ ID NO: 2.

43. (Amended) The oligonucleotide of claim 41 having the sequence of SEQ ID NO: 3.

47. (Amended) The method of claim 46 wherein said isolated human synuclein protein or peptide has the mutated sequence given in SEQ ID NO: 5.

49. (Amended) The method of claim 48 wherein said mutation is an alanine to threonine substitution.

61. (Amended) The isolated nucleic acid of claim 60 having the sequence given in SEQ ID NO: 1.

**IN THE FIGURES:**

Figures 1, 4, and 11 have been amended and submitted under a separate cover letter.